

INTERNATIONAL SEARCH REPORT

International application No
PCT/IB2005/050957

| A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G02B3/14 G02B26/02 G02B5/18 G02B26/08 | | |
|---|---|--|
| According to International Patent Classification (IPC) or to both national classification and IPC | | |
| B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 G02B | | |
| Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched | | |
| Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal | | |
| C. DOCUMENTS CONSIDERED TO BE RELEVANT | | |
| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| X | WO 02/099527 A (KONINKLIJKE PHILIPS ELECTRONICS N.V; PRINS, MENNO, W., J; CORNELISSEN,) 12 December 2002 (2002-12-12) | 1-8, 15, 19, 20 |
| Y | page 2, line 29 - page 3, line 24 page 3, line 30 - page 4, line 24 figure 3 | 9-11, 16-18 |
| Y | WO 03/069380 A (KONINKLIJKE PHILIPS ELECTRONICS N.V; FEENSTRA, BOKKE, J; KUIPER, STEIN) 21 August 2003 (2003-08-21) cited in the application | 9-11, 16 |
| A | page 6, line 17 - page 7, line 2 figure 4 ----- -/-- | 1 |
| <input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex. | | |
| * Special categories of cited documents : "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family | | |
| Date of the actual completion of the international search 20 May 2005 | | Date of mailing of the international search report 02/06/2005 |
| Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 | | Authorized officer Mollenhauer, R |

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| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT | | |
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| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| Y | US 2002/176148 A1 (ONUKE ICHIRO ET AL) 28 November 2002 (2002-11-28) paragraph '0411! ----- | 17,18 |
| A | US 2002/118458 A1 (RYUTOV DMITRI D ET AL) 29 August 2002 (2002-08-29) abstract ----- | 12 |
| A | US 4 477 158 A (POLLOCK ET AL) 16 October 1984 (1984-10-16) cited in the application abstract ----- | 1 |
| A | EP 0 007 885 A (BATTELLE MEMORIAL INSTITUTE) 6 February 1980 (1980-02-06) figure 1 ----- | 1 |

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| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
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| WO 02099527 | A | 12-12-2002 | CN 1513132 A EP 1402314 A1 WO 02099527 A1 JP 2004521389 T US 2004160684 A1 | 14-07-2004 31-03-2004 12-12-2002 15-07-2004 19-08-2004 |
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| US 4477158 | A | 16-10-1984 | NONE | |
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|-------------|--|---|
| VIII-2-1 | <p>Declaration: Entitlement to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate: Name (LAST, First)</p> | <p>in relation to this international application</p> <p>KONINKLIJKE PHILIPS ELECTRONICS N.V. is entitled to apply for and be granted a patent by virtue of the following:</p> |
| VIII-2-1(i) | | KONINKLIJKE PHILIPS ELECTRONICS N.V. is entitled as employer of the inventor, KUIPER, Stein |
| VIII-2-1(i) | | KONINKLIJKE PHILIPS ELECTRONICS N.V. is entitled as employer of the inventor, HENDRIKS, Bernardus, H., W. |
| VIII-2-1(i) | | KONINKLIJKE PHILIPS ELECTRONICS N.V. is entitled as employer of the inventor, VAN AS, Marco, A., J. |
| VIII-2-1(i) | | KONINKLIJKE PHILIPS ELECTRONICS N.V. was entitled as employer of the inventor, VAN ROSMALEN, Gerard, E. |
| VIII-2-1(x) | This declaration is made for the purposes of: | all designations except the designation of the United States of America |